



Gp1642

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Issacs et al.  
Serial No. : 09/081,707  
Filed : May 19, 1998  
Title : TISSUE SPECIFIC PRODRUG

Art Unit : 1642  
Examiner : S. Huff

Assistant Commissioner for Patents  
Washington, D.C. 20231

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AMENDMENT

In response to the action mailed November 30, 1999, please amend the application as follows:

In the Specification:

On page 8, at the end of line 7, please insert -Such groups can also be attached to X<sub>4</sub> when X<sub>5</sub> is absent.--

In the Claims:

1. (Amended) A peptide comprising an amino acid sequence having a cleavage site specific for an enzyme having a proteolytic activity of prostate specific antigen, wherein the peptide is 20 or fewer amino acids in length, and wherein the sequence comprises the amino acids

X<sub>5</sub>X<sub>4</sub>X<sub>3</sub>X<sub>2</sub>X<sub>1</sub>,

wherein X<sub>5</sub> is from 0 to 16 amino acids; X<sub>4</sub> is serine, isoleucine, or lysine; X<sub>3</sub> is serine or lysine; X<sub>2</sub> is leucine or lysine; and X<sub>1</sub> is glutamine, asparagine or tyrosine.

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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